

- 41 -

[ABSTRACT]

5 A packed phosphor screen or panel consisting of at least one
flat square or rectangular screen or panel, optionally packed apart
in a wrapper foil, and a sealed package, wherein said package is
layered in form of an asymmetrical barrier layer foil, said foil
comprising an inner flexible thermoplastic polymer layer and an
10 outer polymer layer in adhesive contact with an aluminum layer
situated inbetween said inner flexible thermoplastic polymer layer
and said outer polymer layer, wherein said foil is characterized by
adhesive forces, between said outer polymer layer and said aluminum
layer, of more than 2.5 N/mm^2 following DIN 53 357, by a permeation
15 to water vapor of less than 0.01 g per sq.m. in an environment
having a temperature of 23°C and a relative humidity of $75 \% \text{ RV}$ for
24 hours following DIN 53 122, and by a permeation of less than 0.01
 cm^3 per sq.m. per 24 hours and per bar for each of oxygen, carbon
dioxide and nitrogen following DIN 53 380 (ISO 2556, ASTM D 1434).

20